

POSITIVE DISPLACEMENT SHOE AND SLAT SORTER

APPARATUS AND METHOD

ABSTRACT OF THE DISCLOSURE

5 A positive displacement sorter apparatus and method includes providing a plurality of slats being interconnected in an endless web, an upper run of the web defining a conveying surface, and a plurality of pusher shoes gliding along at least some of the slats to laterally displace articles on the conveying surface. A linear motor system is provided to propel the web and includes a plurality of linear motor secondaries at the slats and at least one primary for propelling the secondaries. A
10 control system controls the primaries.